

IN THE CLAIMS:

Please amend Claims 1 and 5 as follows:

1. (Currently Amended) A solar power generation system comprising at least a solar cell and a cooling mechanism,

said cooling mechanism having

a cooling means for cooling said solar cell, ~~and~~

a memory-and-operation means for memorizing or operating an optimum cooling and driving state of said cooling means with respect to an output of said solar cell,

and

an operation means for operating an optimum cooling and driving state of said cooling means with respect to an output of said solar cell,

wherein said memory-and-operation means comprises comprising a clocking function and previously determined standard temperature values for an atmosphere where the solar cell is installed for every one of predetermined time points of the year, and

wherein said operation means comprises a clocking function and operates said cooling means is driven in accordance with a selected one of said standard temperature value values from said memory-and-operation means at a time point for a current time point at said installation location of the solar cell.

2. (Original) The solar power generation system according to claim 1, wherein the output of the solar cell is an output power or an output current from the solar cell.

3. (Original) The solar power generation system according to claim 1, wherein the cooling means is a cooling means in which a fluid coolant is used.

4. (Cancelled).

5. (Currently Amended) The solar power generation system according to claim 1, wherein said solar power generation system has a power conversion means for the output of the solar cell and said memory-and-operation means and said operation means are provided such that said memory-and-operation means and said operation means are included in said power conversion means.

6. (Original) The solar power generation system according to claim 1, wherein said solar power generation system has a power conversion means for the output of the solar cell and an output detection means for the output of the solar cell, where said output detection means is provided such that said output detection means is included in said power conversion means.

7. (Original) The solar power generation system according to claim 1, wherein said solar power generation system has a mechanism for tracking the sun.